

# City of Little Rock Outdoor Warning System Proposed Design Layout

## Summary of Design

When evaluating the City of Little Rock's existing warning system, SafetyCom/Carter & Burgess reviewed data from potential sites, and utilize GIS analysis to provide a complete system design.

Design Criteria for evaluating the existing warning system and system recommendation:

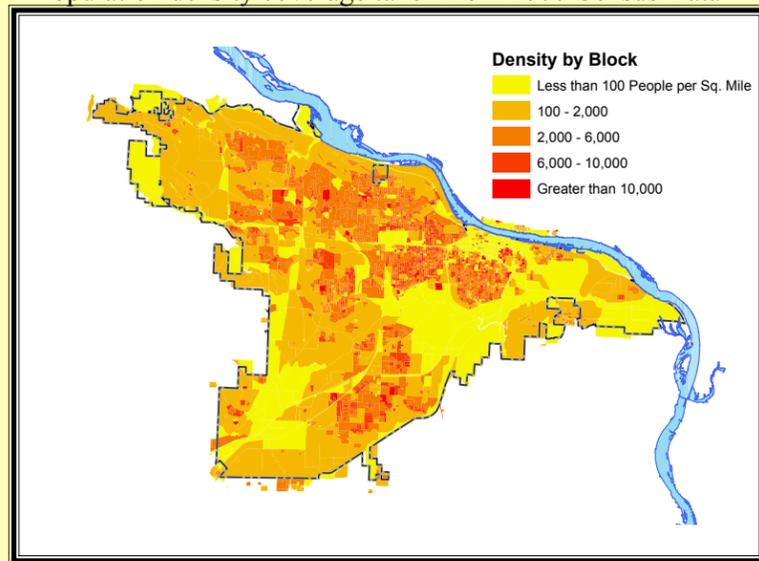
Geographic and Topographic Aspects at proposed locations.  
Population Density at proposed locations.  
Ambient Noise at proposed locations.  
GIS data and USGS contour models.

## Recommended sirens based on this design.

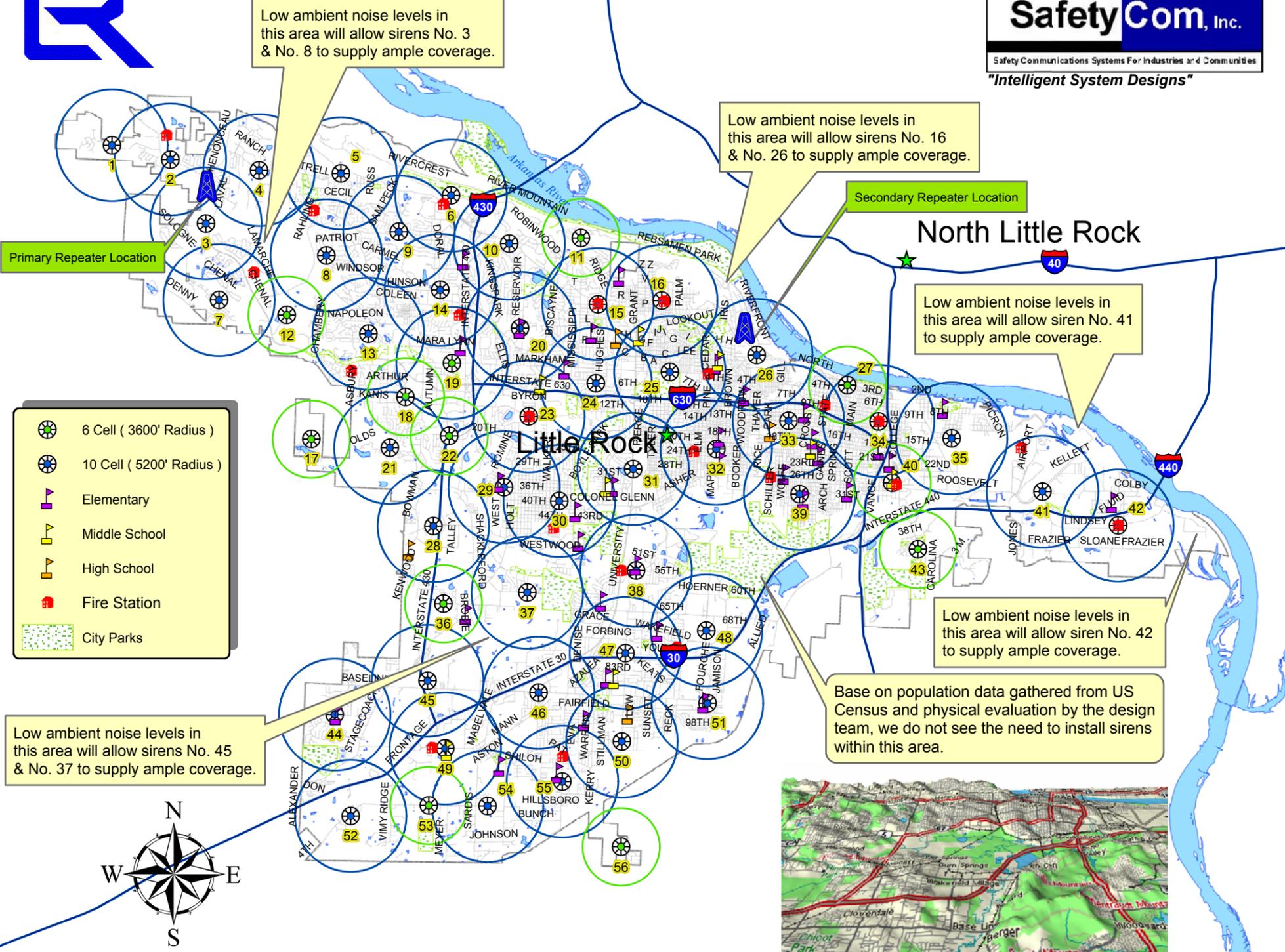
Ten Cell = 45 each  
Six Cell = 11 each

Total number of sirens = 56

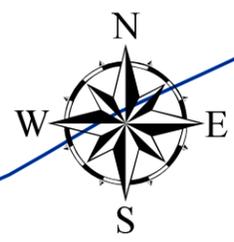
## Population density coverage taken from 2000 Census Data



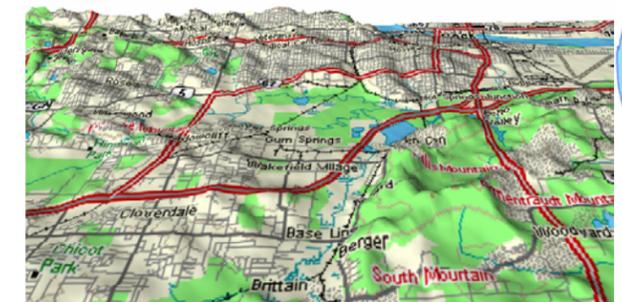
★ Maumelle



- 6 Cell ( 3600' Radius )
- 10 Cell ( 5200' Radius )
- Elementary
- Middle School
- High School
- Fire Station
- City Parks



Carter & Burgess



3d Models utilized to determine optimal siren locations.